



# City of Santa Fe Springs

11710 Telegraph Road • CA • 90670-3679 • (562) 868-0511 • Fax (562) 868-7112 • [www.santafesprings.org](http://www.santafesprings.org)

## TRANSMITTAL

April 21, 2005

United States Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105

Attention: Chris Lichens

Subject: Existing Monitoring Wells Within Project Area.

Gentlemen:

We are forwarding by mail.

<u>No. of Copies</u>	<u>Description</u>
1 (9 sheets)	Well Information

This material is being sent per your use.

If you have any questions, please contact Ron Hughes of this office at (562) 868-0511, extension 7549.

Very truly yours,

Tom R. Lopez  
Assistant Director of Public Works

TRL/rlh/rd



**ALTON  
GEOSCIENCE**  
THE RESULTS TEAM

RECEIVED  
CITY OF SANTA FE SPRINGS  
PUBLIC WORKS

September 3, 1991

SEP 05 1991  
AM 7:8,9,10,11,12,1,2,3,4,5,6 PM

Mr. Ron Hughes  
City of Santa Fe Springs  
Engineering Department  
11710 Telegraph Road  
Santa Fe Springs, California 90670

Subject: Request for Issuance of Encroachment Permit for the  
Installation of Three Ground Water Monitoring Wells near  
Unocal Station 5091, 11808 Washington Boulevard, Santa Fe  
Springs, California

Dear Mr. Hughes:

Alton Geoscience, on behalf of Unocal Corporation, requests permission to install three ground water monitoring wells in the public right-of-way near Unocal Station 5091, 11808 Washington Boulevard, Santa Fe Springs, California. Installation of the ground water monitoring wells will occur according to the following scenario:

- 1) Alton Geoscience will contact the City of Santa Fe Springs to arrange a date and time suitable to begin drilling operations.
- 2) Every effort will be made to have as little impact on business operations at the site as possible.
- 3) The exact well locations will be determined in conjunction with Underground Service Alert of Southern California and field geophysical screening to avoid encountering any underground utilities (electrical, sewer, telephone, and gas lines). As an additional safety measure, the wells will be hand-excavated for the first 4 feet prior to drilling.
- 4) The ground water monitoring wells will be installed to a depth of approximately 55 feet below grade, using a drill rig with a 10-inch-diameter, hollow-stem auger.
- 5) Any necessary cleanup will be conducted subsequent to drilling activities.
- 6) The monitoring wells will remain in the public right-of-way for the duration of the project. Upon project completion, the wells will be abandoned in accordance with County regulations.
- 7) The City of Santa Fe Springs will be held harmless from

GAS STATION

R.V. LOT  
TRAILER PARK

COMMERCIAL PROPERTY

MEDIAN

SORENSEN AVENUE

B-5/MW-3

ISLANDS

B-1/MW-1

PRODUCT  
LINES

BUILDING

CONCRETE  
PAD

WASTE-OIL  
TANK

UNDERGROUND  
TANKS

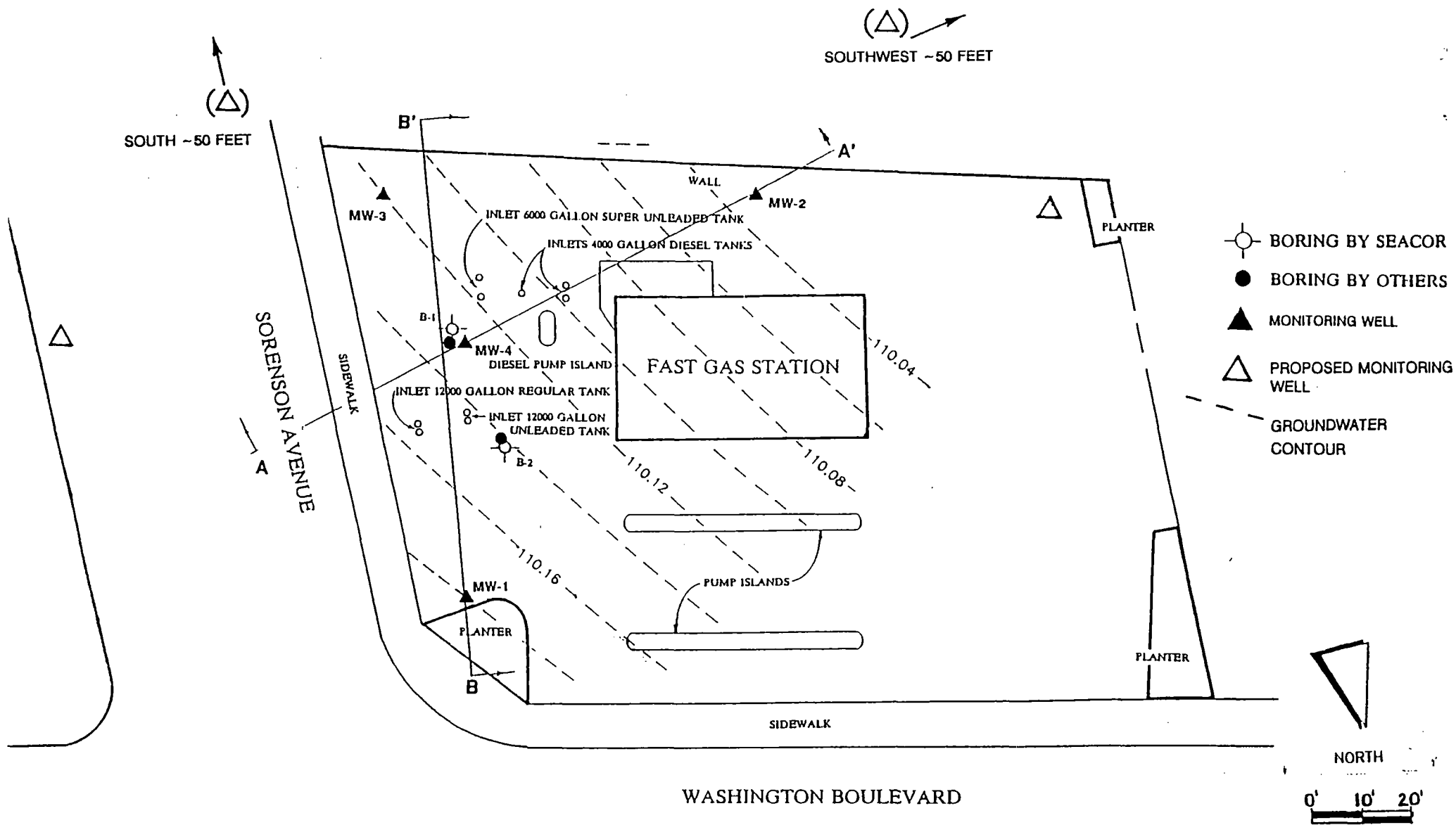
B-4

MW-2

B-2

PARKING LOT

COMMERCIAL BUILDING



THIS PLOT PLAN WAS DEVELOPED BASED ON MEASUREMENTS FROM EXISTING FEATURES. DUE TO THE IRREGULAR GEOMETRY OF THE PROPERTY, SEACOR MAKES NO GUARANTEES AS TO THE ACCURACY OF THIS PLAN.

## PLOT PLAN

FAST GAS STATION  
11770 EAST WASHINGTON  
WHITTIER, CALIFORNIA

FIGURE 2

DATE

02/28/94

DESCRIPTION

TYPE OF PERMIT (CHECK)

- ☒ NEW WELL CONSTRUCTION  
☐ RECONSTRUCTION OR RENOVATION  
☐ DESTRUCTION

TYPE OF WELL

- ☐ PRIVATE DOMESTIC  
☐ PUBLIC DOMESTIC  
☐ IRRIGATION  
☒ OBSERVATION/MONITORING  
☐ CATHODIC  
☐ INDUSTRIAL  
☐ GRAVEL PACK  
☐ TEST

TYPE OF CASING

2" SCH. 40 PVC

METHOD OF SEALING OF CASING

CEMENT/BENTONITE - 3' Transition Seal over

Sand Pack (Bentonite) Cement Grout to Surface

METHOD OF DESTRUCTION

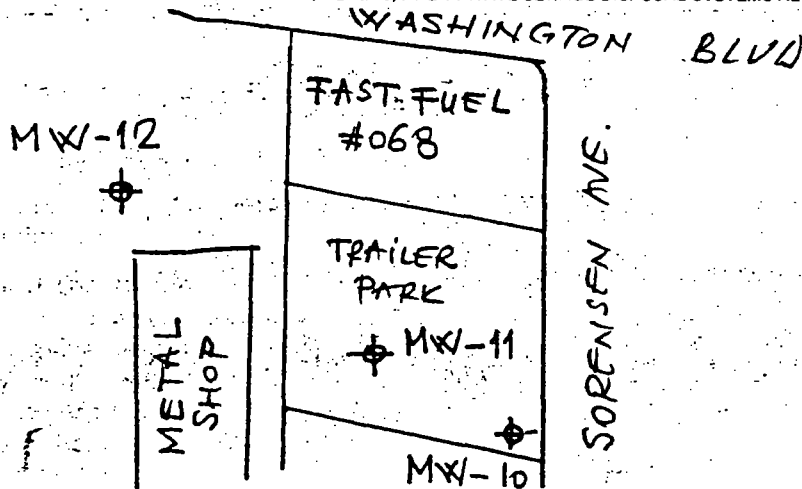
N/A

LOCATION

ADDRESS (NUMBER, STREET, AND NEAREST INTERSECTION)

11770 E. WASHINGTON BLVD. X SORENSEN AVE. CITY SANTA FE SPRINGS

DIAGRAM (SHOW PROPERTY LINES, STREET, ADDRESS, WELL SITE, SEWERS, AND PRIVATE SEWAGE DISPOSAL SYSTEMS ALONG WITH LABELS AND DIMENSIONS)



NAME OF WELL DRILLER (PRINT)

SCHAFER DIXON DRILLING

TRADE NAME

HUNTINGDON SCHAFER DIXON

BUSINESS ADDRESS

22 MALIBU IRVINE, CA

NAME OF WELL OWNER (PRINT)

CALIFORNIA TARGENT ENT. INC.

MAILING ADDRESS

12739 LAKEWOOD BLVD.

CITY

DOWNEY, CA 90242

APPLICANT

I hereby agree to comply in every respect with all regulations of the County Preventive/Public Health Services and with all ordinances and laws of the County of Los Angeles and of the State of California pertaining to well construction, reconstruction and destruction. Upon completion of well and within ten days thereafter, I will furnish the County Preventive/Public Health Services with a complete log of the well, giving date drilled, depth of well, all perforations in casing, and any other data deemed necessary by such County Preventive/Public Health Services.

*[Signature]*

Applicant's Signature

DISPOSITION OF APPLICATION: (For Sanitarians Use Only)

- ☒ APPROVED  
☐ DENIED  
☐ APPROVED WITH CONDITIONS

If denied or approved with conditions, report reason or conditions here:

stay 10' min. from any sewer  
columns in site with monitoring  
wells.

DATE

3/9/94

SANITARIAN

*[Signature]*

DATE

3/9/94

SECTION CHIEF

*[Signature]*

When signed by Section Chief, this application is a permit.

PERMIT NO. X-3657

DATE: 3/22/95

ADDRESS: 1401 Dove St., Ste. 500 CITY: Newport Beach ZIP: 92660

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, IT IS AGREED BY THE APPLICANT THAT THE CITY OF SANTA FE SPRINGS AND ANY OFFICIAL OR EMPLOYEE THEREOF SHALL BE SAVED HARMLESS BY THE APPLICANT FROM ANY LIABILITY OR RESPONSIBILITY OCCURRING AS THE PROXIMATE RESULT OF ANY WORK UNDERTAKEN UNDER THE TERMS OF THIS APPLICATION AND THE PERMIT OR PERMITS WHICH MAY BE GRANTED IN RESPONSE THERETO, AND THAT ALL SAID LIABILITIES ARE HEREBY ASSUMED BY THE APPLICANT. IT IS FURTHER AGREED THAT IF ANY TANK, PIPE, CONDUIT, DUCT OR TUNNEL PLACED IN THE EXCAVATION OR OBSTRUCTION FOR WHICH THIS PERMIT IS ISSUED INTERFERES WITH THE FUTURE USE OF THE HIGHWAY BY THE GENERAL PUBLIC, THEN THE APPLICANT AND HIS SUCCESSORS OR ASSIGNS WILL AT HIS OWN EXPENSE REMOVE SUCH TANK, PIPE, CONDUIT, DUCT, OR TUNNEL, OR RELOCATE AT A LOCATION DESIGNATED BY THE DIRECTOR OF PUBLIC WORKS OF THE CITY OF SANTA FE SPRINGS.

GENERAL DEPOSIT AMT.	M.R.:	UNDERTAKING EXPIRATION DATE:
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**(\$50.00 MINIMUM)**

TOTAL FEE	<del>105.00</del>
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SIGNED: [Signature]  
OWNER OR AUTHORIZED AGENT

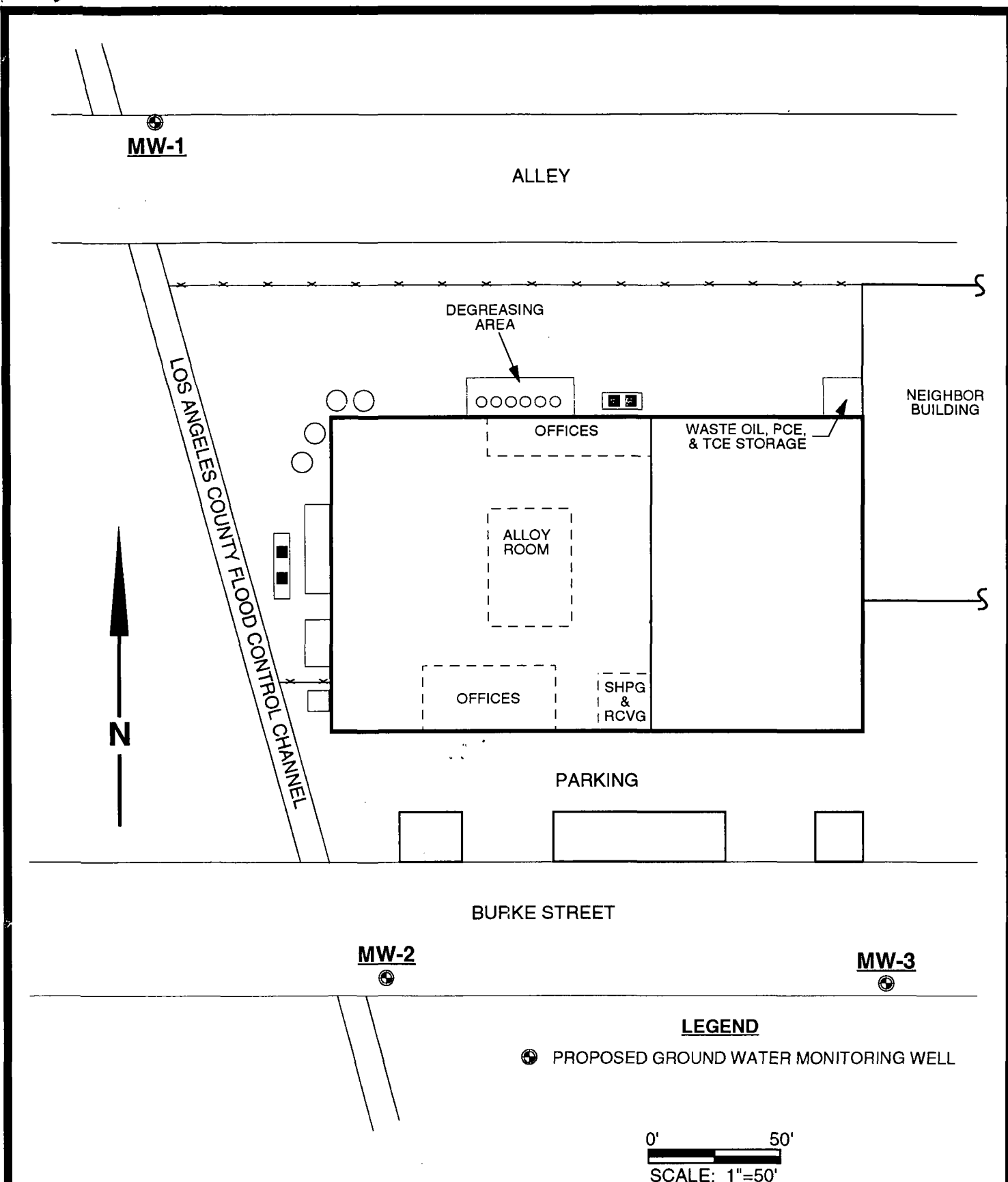
[illegible]

~~NOTIFY UNDERGROUND SERVICE~~  
~~ALERT (USA) 2 DAYS PRIOR~~  
~~TO STARTING WORK~~

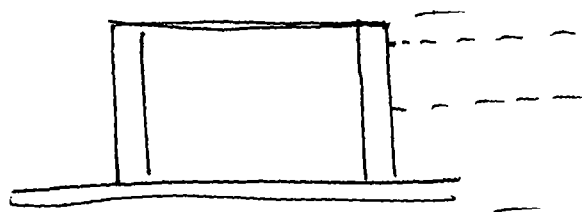
**1-800/422-4133**

**24 HOUR**  
NOTICE BEFORE STARTING  
WORK IS REQUIRED

Paid 605. 3-24-95.



<p><b>TERRA VAC</b> Subsurface Remediation Specialists</p> <ul style="list-style-type: none"> <li>• Site Assessment</li> <li>• Vapor Extraction</li> <li>• Dual Vacuum Extraction</li> <li>• Air Sparging Systems</li> <li>• Bioremediation</li> <li>• Ground Water Remediation</li> </ul> <p>1401 Dove St. Ste. 500 Newport Beach, CA 92660</p> <p>TEL (714) 252-8900 FAX (714) 252-8901</p>	<p><b>TERRA VAC</b> Subsurface Remediation Specialists</p>	<p><b>FIGURE 1</b> <b>PROPOSED MONITORING WELL</b> <b>LOCATIONS</b> <b>TECHNI-BRAZE, INC. FACILITY</b></p>	<p>PROJECT NO: 31-0247</p> <p>DESIGNED BY: DCH</p> <p>CHECKED BY:</p> <p>PROJECT MGR: SM</p> <p>SHEET 1 OF 1</p>
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## SCS ENGINEERS

October 30, 2000  
File No. 01199227.02

City of Santa Fe Springs  
Department of Public Works and Engineering  
11710 Telegraph Road  
Santa Fe Springs, California 90670

**SUBJECT: Well Installation in City Right -Of -Way on West Side of 8308 Sorensen Avenue, Santa Fe Springs, CA 90670**

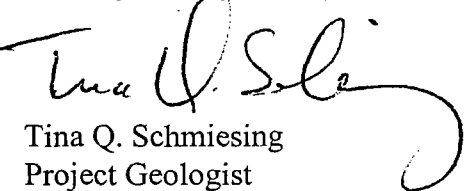
To Whom It May Concern:

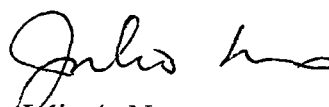
SCS Engineers (SCS) on behalf of Valverde Construction, Inc., is requesting approval from the City of Santa Fe Spring to install a groundwater monitoring well in the City right-of-way area on the west side of 8308 Sorensen Avenue (See sketch map). SCS has been assessing potential impacts to groundwater associated with petroleum contamination detected at 8230 Sorensen Avenue. This project is being performed with the oversight of the Los Angeles Regional Water Quality Control Board (RWQCB). The RWQCB has required that the lateral extent of potential groundwater contamination be defined.

The monitoring well will be installed within a grass landscaped area in the City Right-of-Way adjacent to the southwest corner of the 8308 Sorensen Avenue Building (See Sketch Map). The well location was selected after reviewing USA Dig Alert markings and performing a geophysical survey of this area for subsurface structures. The hole will be post holed to 5 feet below ground surface prior to completing the boring with a hollow-stem auger rig. At this time, SCS plans to install a well a total depth of 50-foot below ground surface which will be finished with a flush mounted traffic- rated well box. In the event that the drill rig will need to extend into the street while the well is being installed, appropriate traffic control measures will be utilized in accordance with current Watch Manual guidelines.

If you require any additional information, please call either of the undersigned at (562) 426-9544.

Thank you for your help,

  
Tina Q. Schmiesing  
Project Geologist  
SCS ENGINEERS

  
Julio A. Nuno  
Project Director

Attachment



# ON FOR WELL PERMIT

MENTAL HEALTH 2525 Corporate Place Monterey Park, Ca 91754  
OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES

DATE 10-25-00

## E OF PERMIT (CHECK)

- ☒ NEW WELL CONSTRUCTION X2 to 50'  
☐ RECONSTRUCTION OR RENOVATION  
☐ DESTRUCTION

## TYPE OF WELL

- ☐ PRIVATE DOMESTIC  
☐ PUBLIC DOMESTIC  
☐ IRRIGATION  
☒ OBSERVATION/MONITORING  
☐ CATHODIC  
☐ INDUSTRIAL  
☐ GRAVEL PACK  
☐ TEST

## TYPE OF CASING

2" diameter Schedule 40 PVC

## METHOD OF SEALING OF CASING

Hydrated Bentonite Chips above filler back  
topped with bentonite/cement slurry to ground surface  
(See Figure 3 attached)

## METHOD OF DESTRUCTION

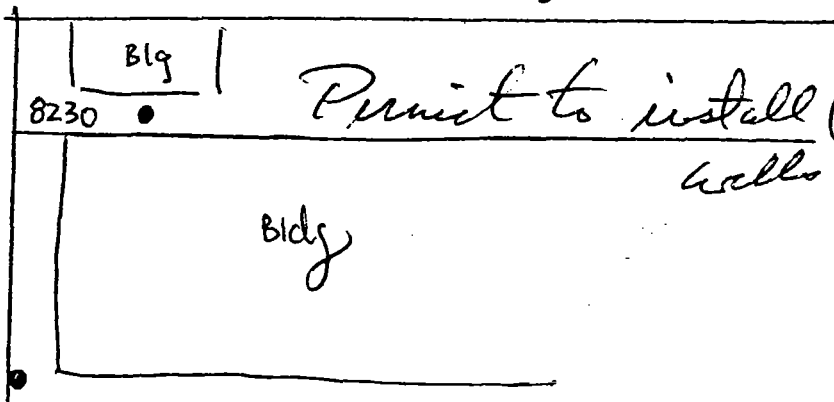
## ADDRESS (NUMBER, STREET, AND NEAREST INTERSECTION)

8230 Sorensen + 8308 Sorensen X Rivena Street

CITY Santa Fe Springs

## DIAGRAM (SHOW PROPERTY LINES, STREET, ADDRESS, WELL SITE, SEWERS, AND PRIVATE SEWAGE DISPOSAL SYSTEMS ALONG WITH LABELS AND DIMENSIONS)

NOT TO SCALE  
Sorensen Avenue



Permit to install (2) monitoring wells

Proposed Monitoring Well locations (2)

## NAME OF WELL DRILLER (PRINT)

Layne Christensen Drilling

## TRADE NAME

## NAME OF WELL OWNER (PRINT)

Valverde Construction, Inc.

## MAILING ADDRESS

10936 Shoemaker Avenue

## BUSINESS ADDRESS

11001 Ethwanda Avenue, Fontana, CA 92337

## CITY

## CITY

Santa Fe Springs, CA 90670

I hereby agree to comply in every respect with all regulations of the County Preventive/Public Health Services and with all ordinances and laws of the County of Los Angeles and of the State of California pertaining to well construction, reconstruction and destruction. Upon completion of well and within ten days thereafter, I will furnish the County Preventive/Public Health Services with a complete log of the well, giving date drilled, depth of well, all perforations in casing, and any other data deemed necessary by such County Preventive/Public Health Services.

*Tina Selig*  
Applicant's Signature

OF SCS for  
Valverde Const

## DISPOSITION OF APPLICATION: (For Sanitarians Use Only)

- ☒ APPROVED  
☐ APPROVED WITH CONDITIONS  
☐ DENIED

If denied or approved with conditions, report reason or conditions here:

## DATE

## SANITARIAN

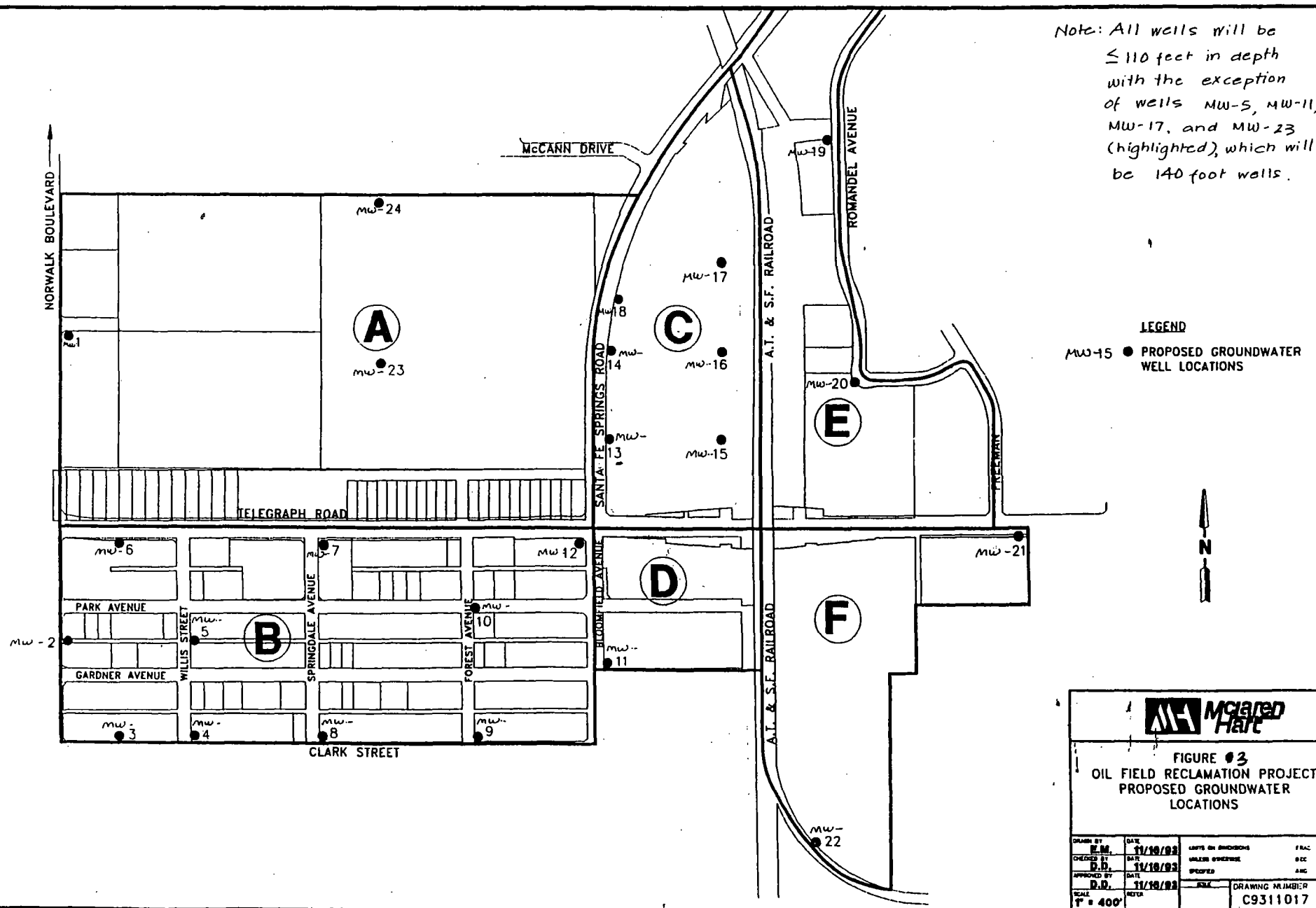
## DATE

## SECTION CHIEF

10/25/00 *El Grays*

When signed by Section Chief, this application is a permit.

APPLICANT COPY



**McClard Hart**

**FIGURE #3**  
 OIL FIELD RECLAMATION PROJECT  
 PROPOSED GROUNDWATER  
 LOCATIONS

DESIGNED BY <b>E.M.</b>	DATE <b>11/10/93</b>	CHECKED BY <b>D.D.</b>	DATE <b>11/10/93</b>	APPROVED BY <b>D.D.</b>	DATE <b>11/10/93</b>
SCALE <b>1" = 400'</b>		NOTES		DRAWING NUMBER <b>C9311017</b>	